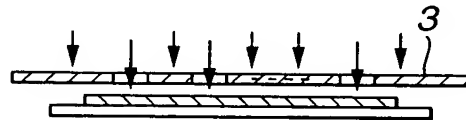
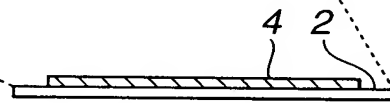
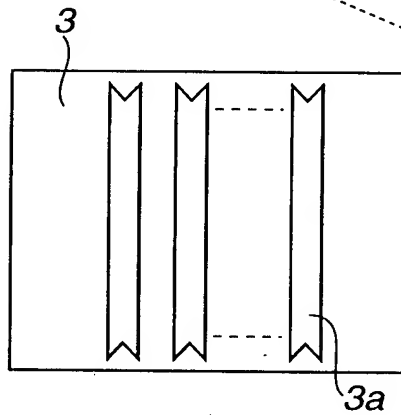
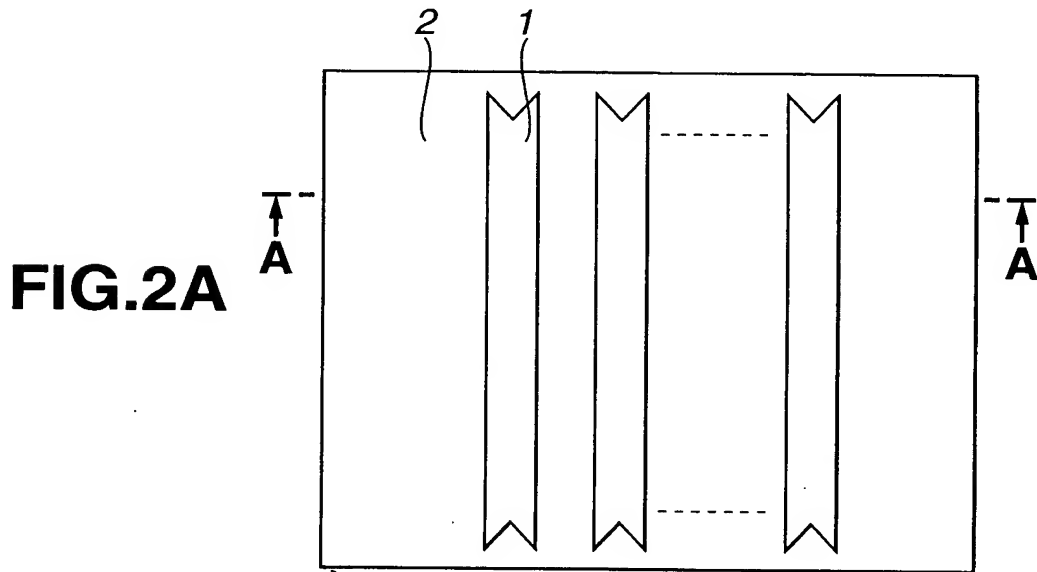


FIG.1



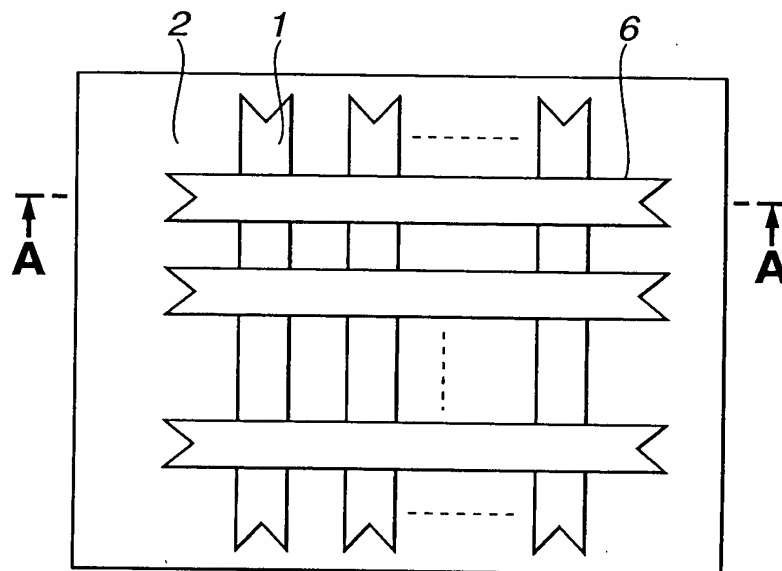


FIG.3A

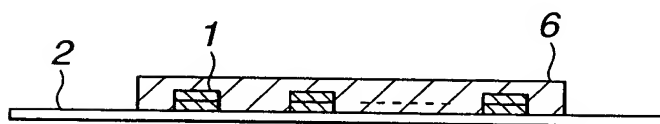


FIG.3B

FIG. 3A is a top view of a multi-layered structure. The structure includes a top layer (2), a middle layer (1), and a bottom layer (6). The top layer (2) and bottom layer (6) have interlocking notches and protrusions. The middle layer (1) is positioned between the top and bottom layers. A dashed line indicates a continuation of the pattern. Arrows A indicate a cross-section line.

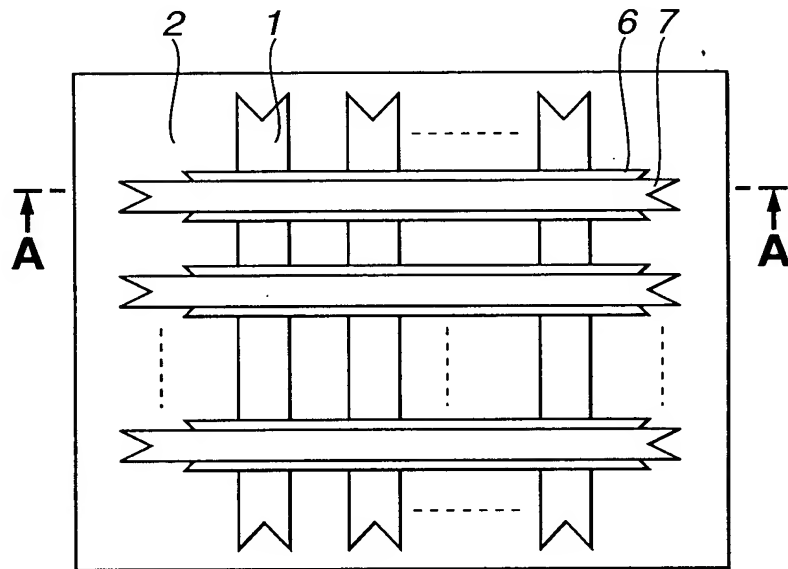


FIG.4

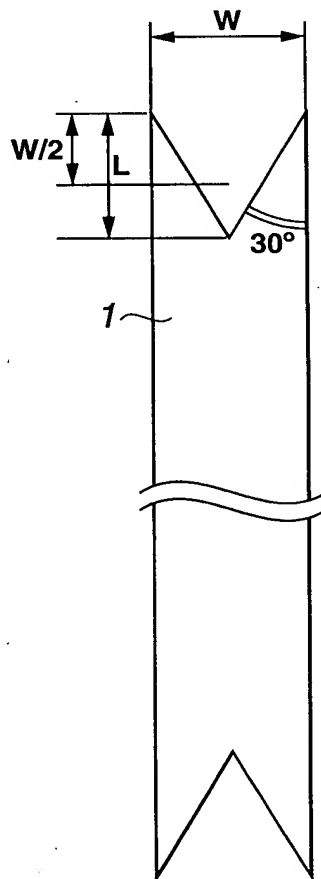


FIG. 5A

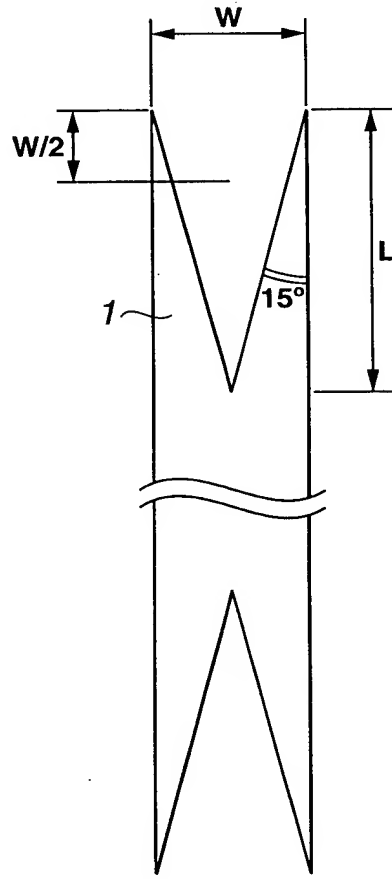


FIG. 5B

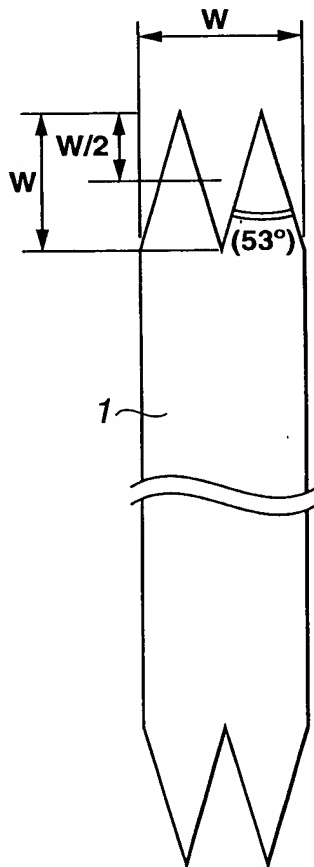


FIG. 6A

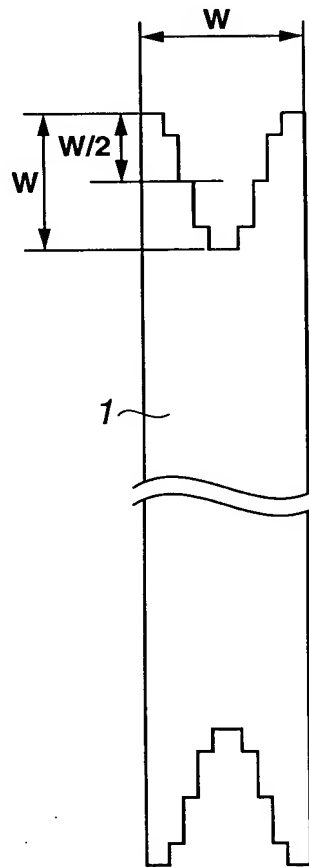


FIG. 6B

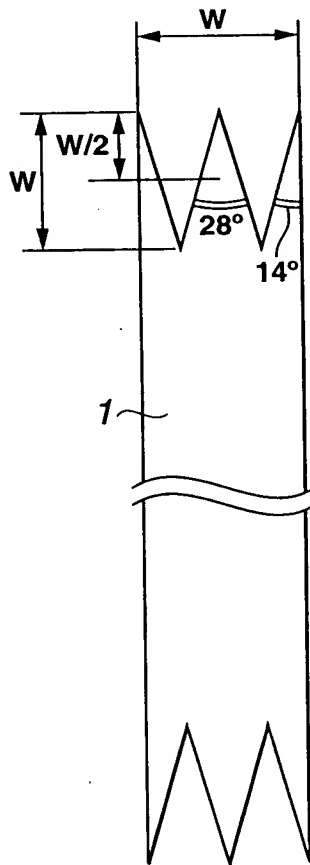


FIG. 7

LONGITUDINAL
DIRECTION

LATERAL
DIRECTION

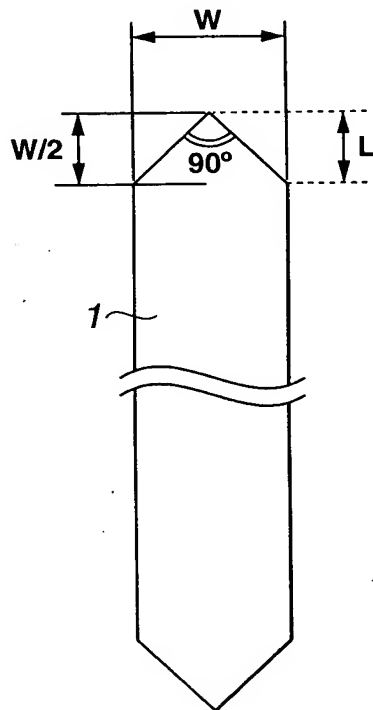


FIG. 8A

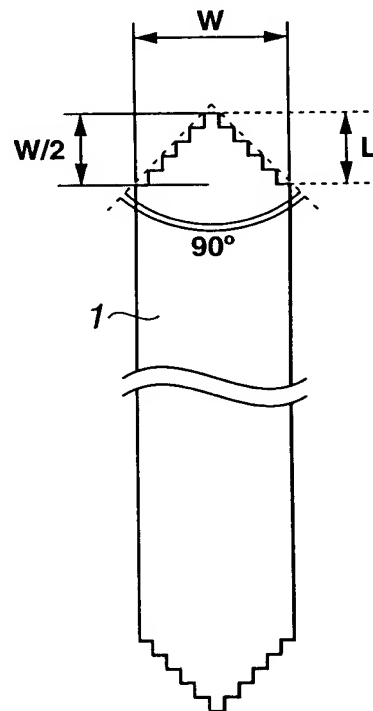


FIG. 8B

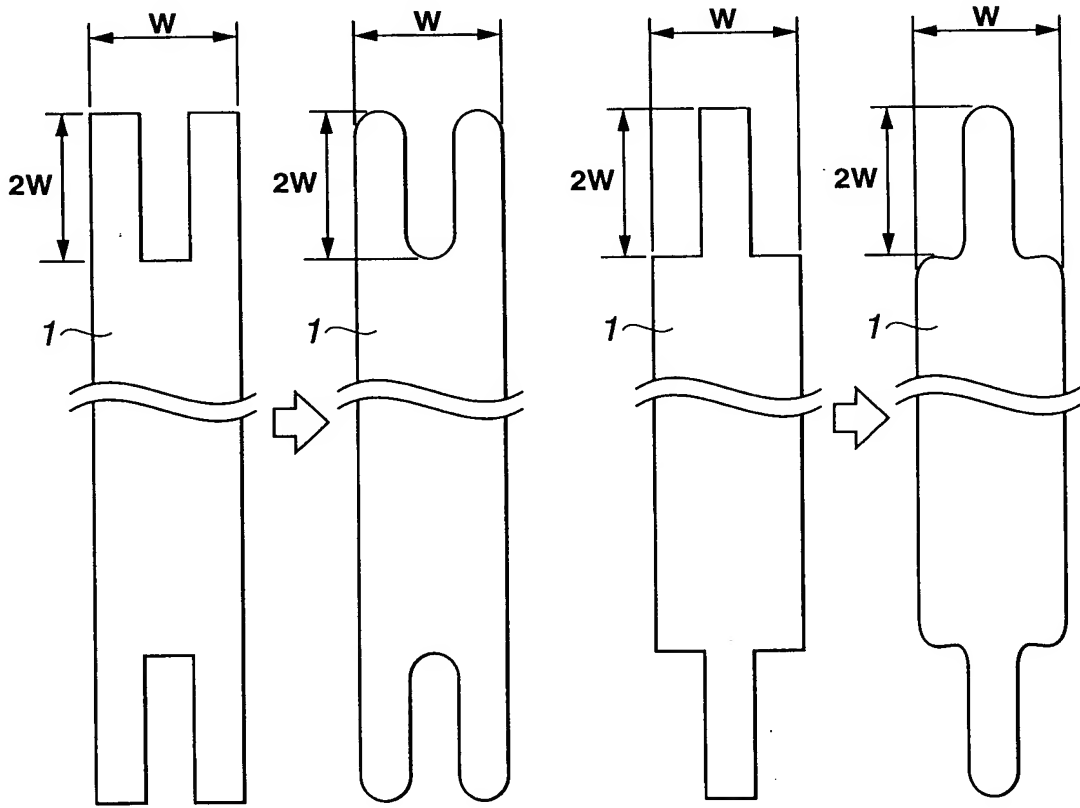


FIG. 9A FIG. 9B FIG. 9C FIG. 9D

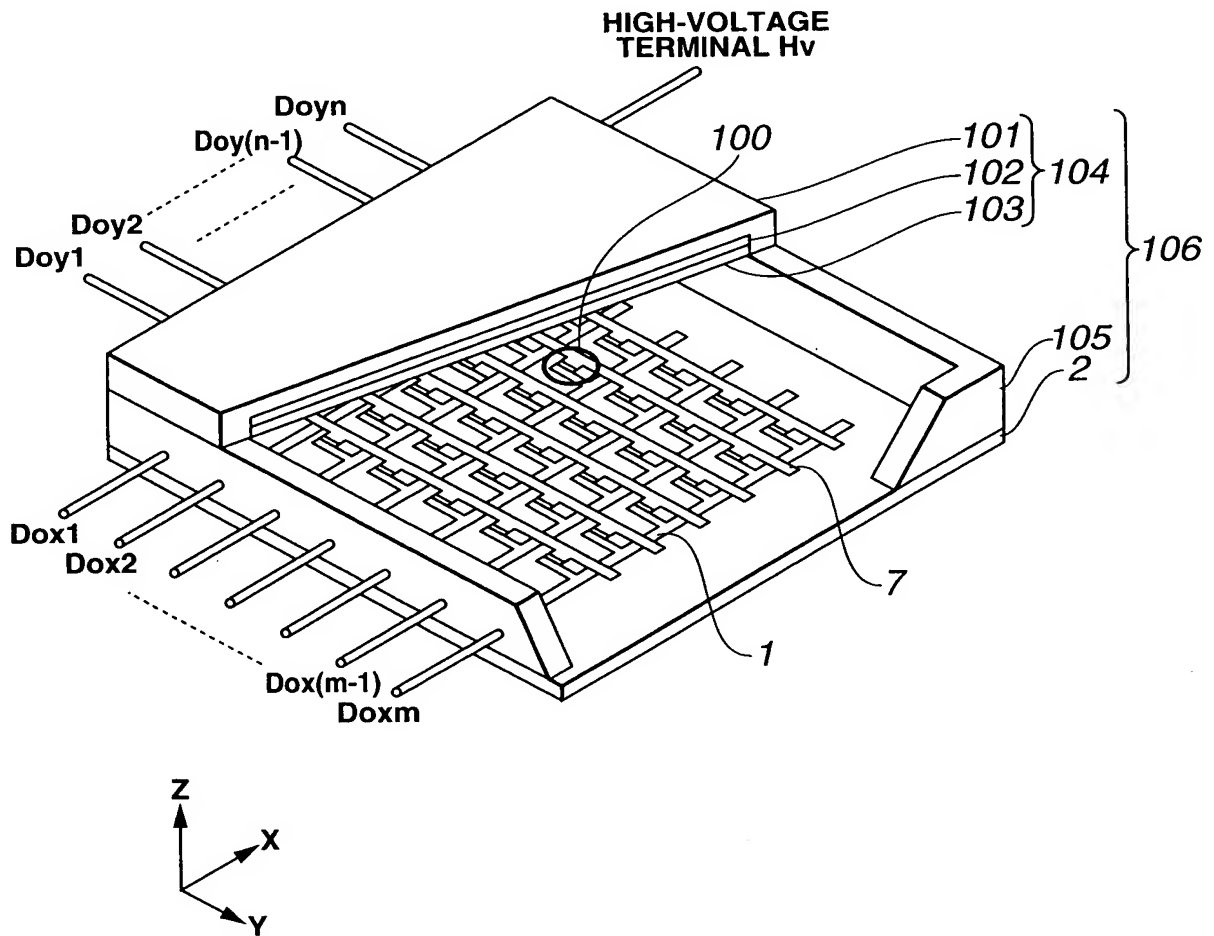


FIG.10

FIG.11A

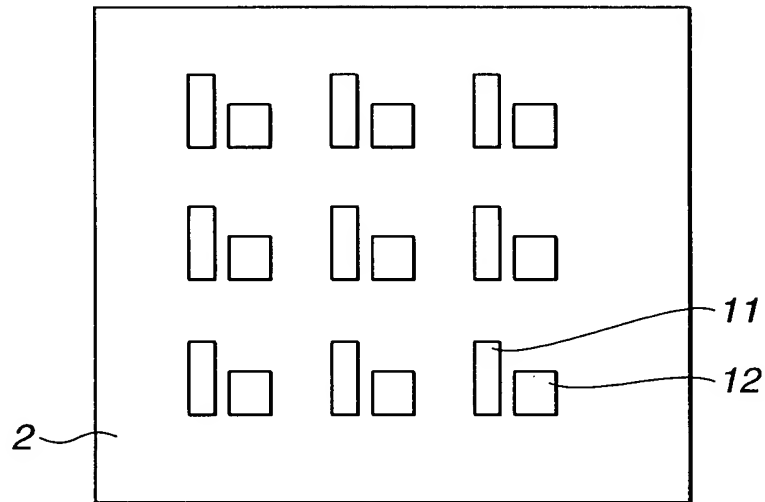


FIG.11B

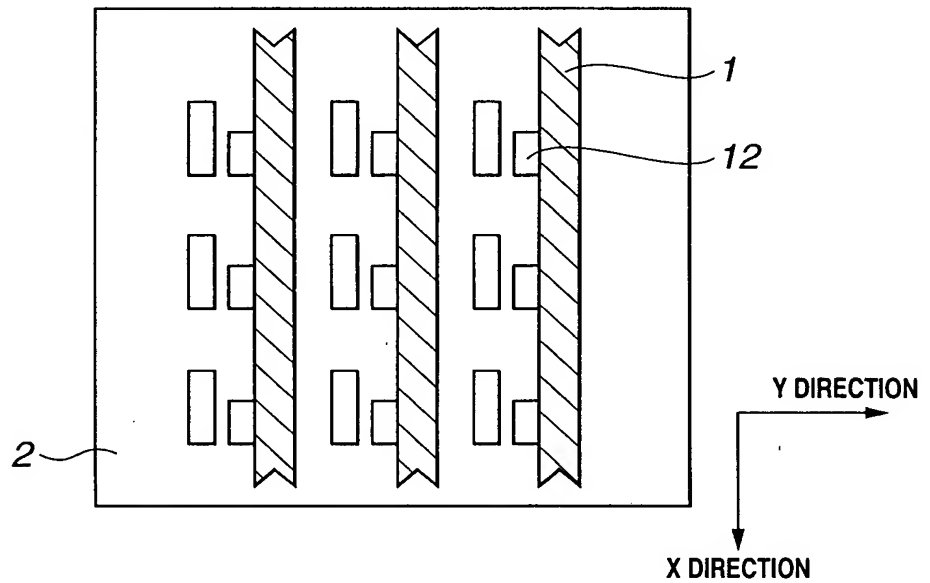


FIG.12A

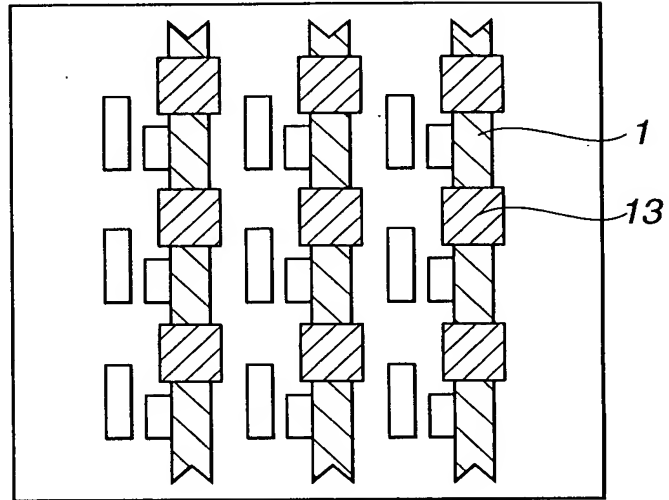


FIG.12B

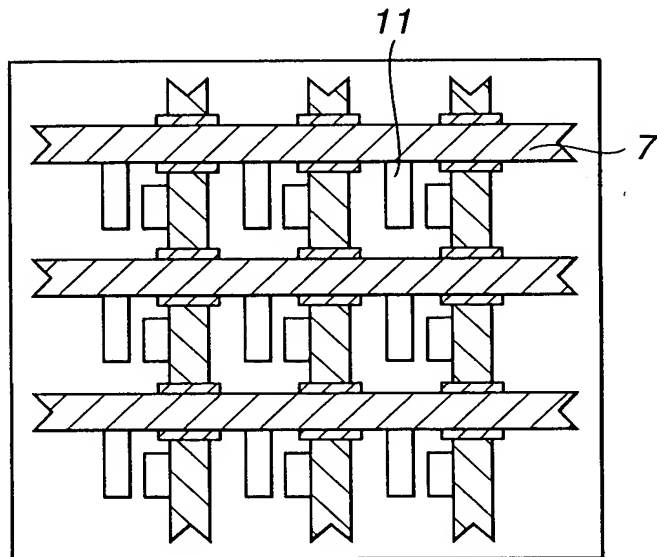


FIG.13A

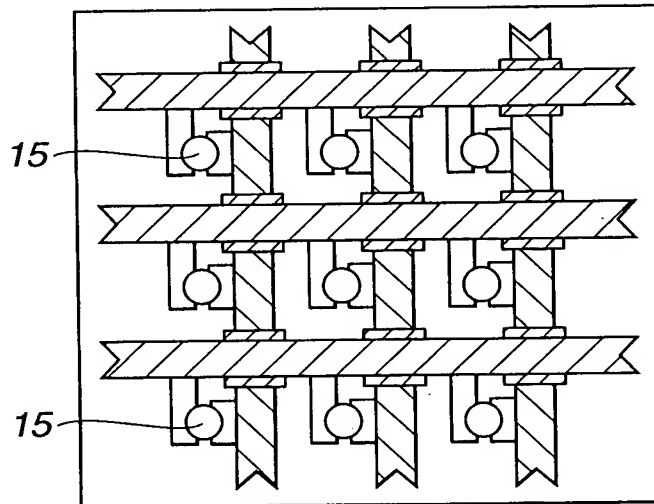
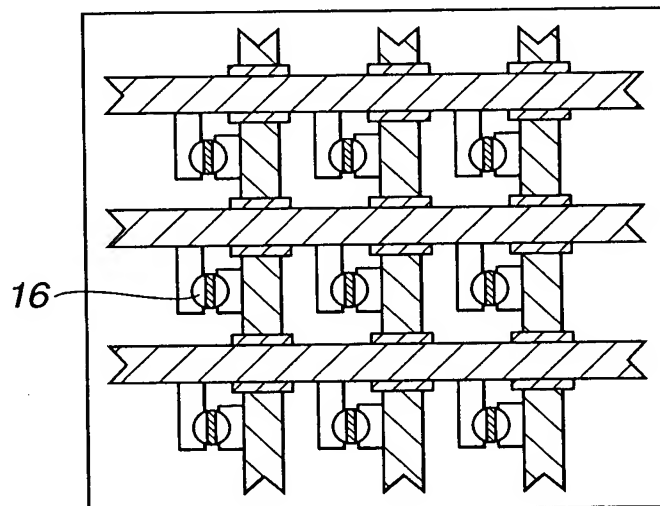


FIG.13B



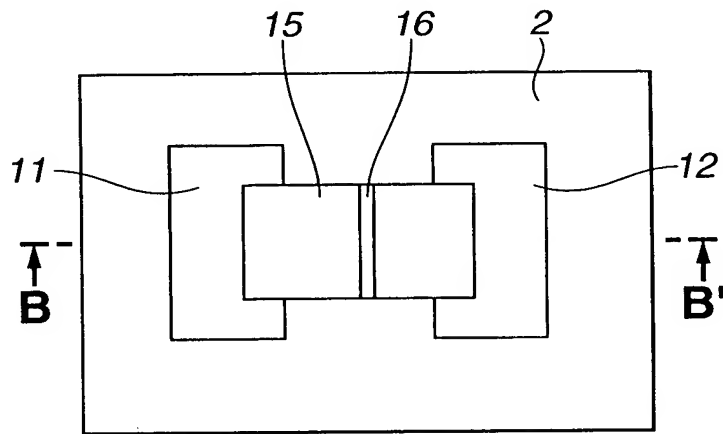


FIG. 14A

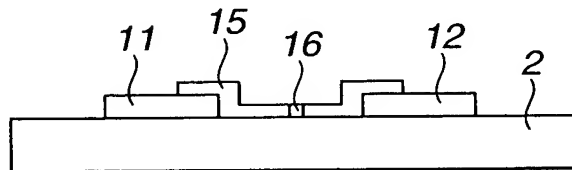


FIG. 14B

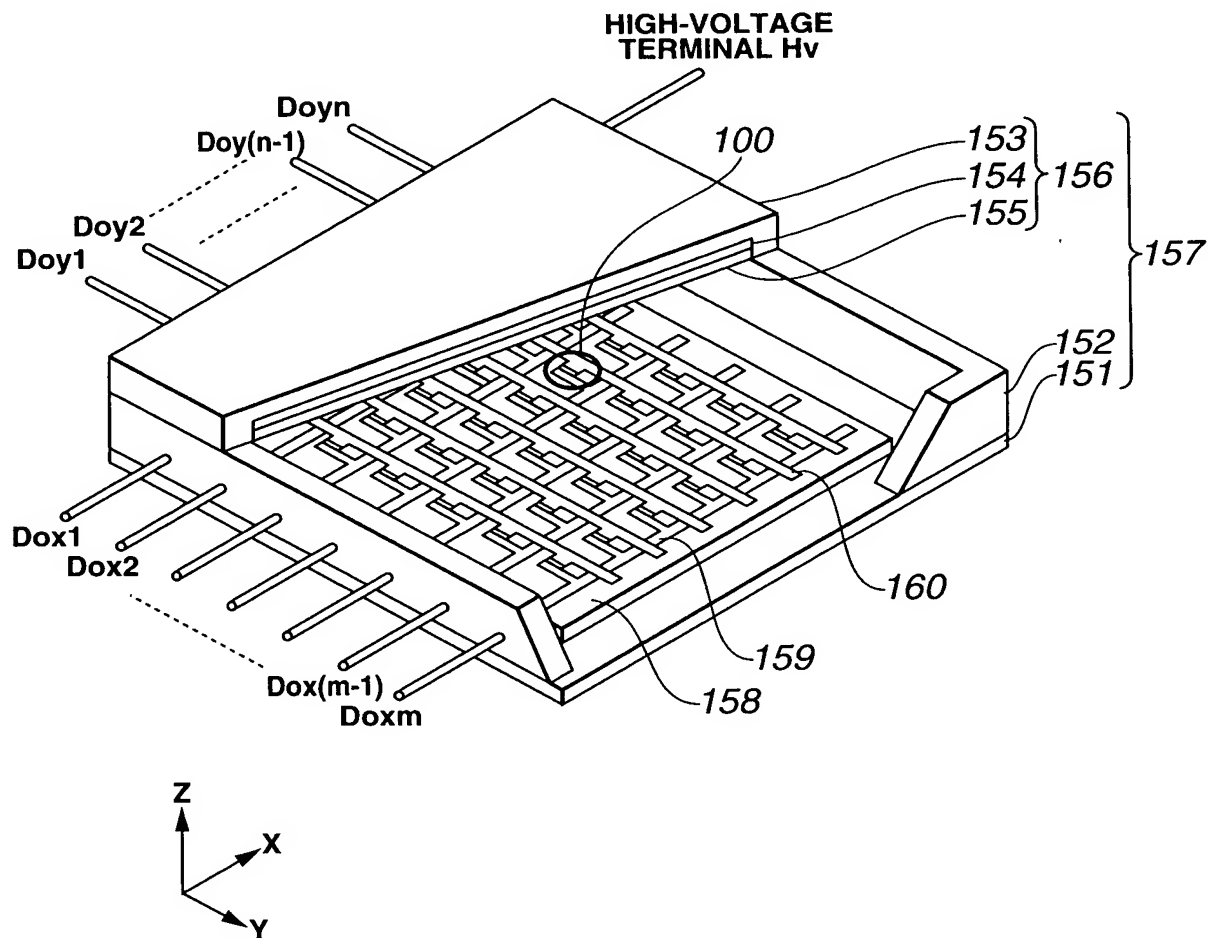


FIG.15

FIG.16A

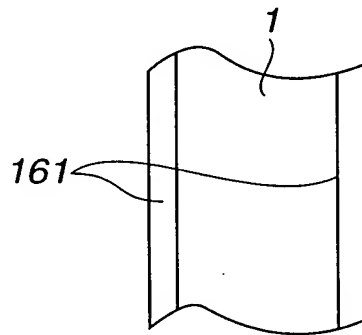
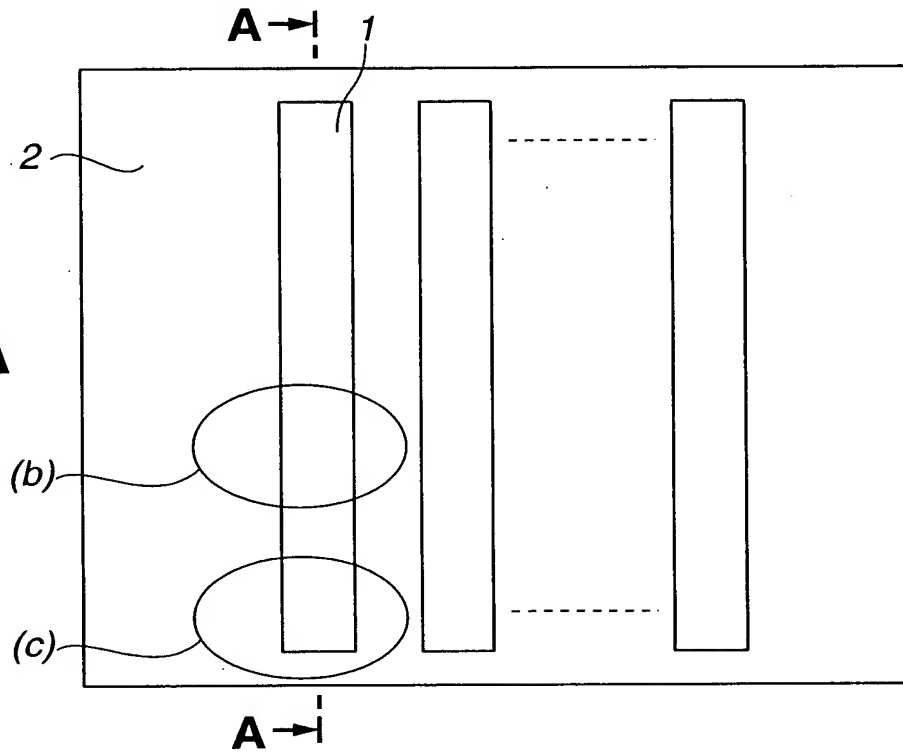


FIG.16B

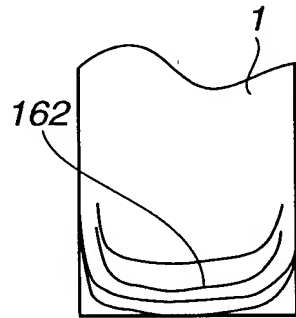


FIG.16C

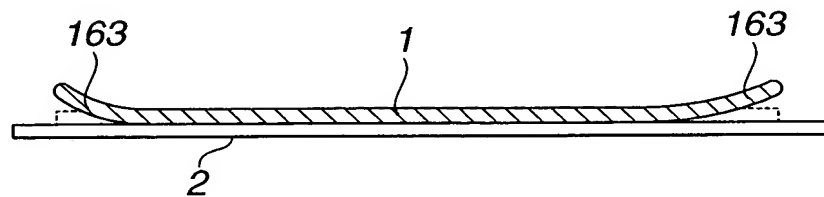
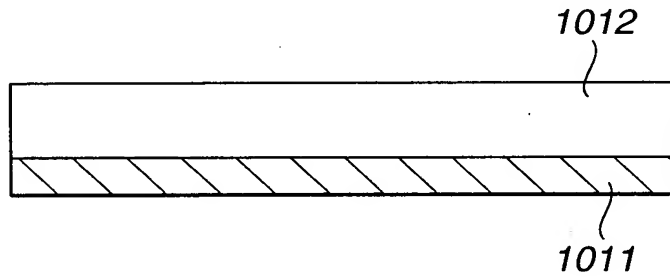


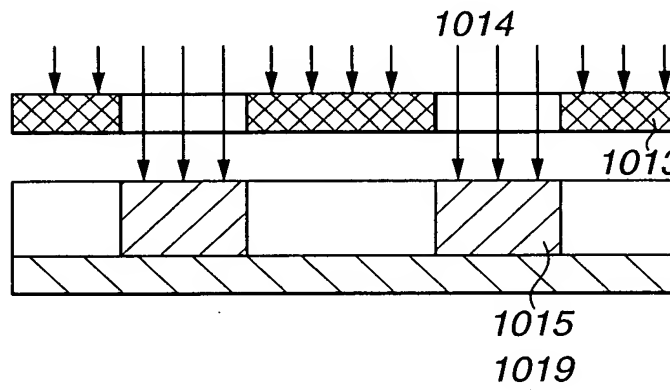
FIG.16D

FIG.17A



FILM FORMATION

FIG.17B



DRYING

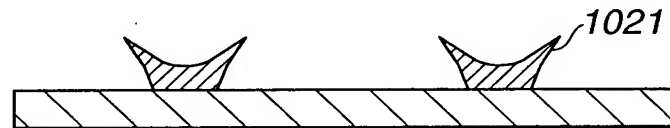
EXPOSURE

FIG.17C



DEVELOPMENT

FIG.17D



FIRING

FIG. 17A is a cross-sectional view of a substrate 1011 with a uniform film 1012. FIG. 17B is a cross-sectional view of the substrate 1011 with a patterned film 1013 and a mask 1014. FIG. 17C is a cross-sectional view of the substrate 1011 with a patterned film 1019. FIG. 17D is a cross-sectional view of the substrate 1011 with a patterned film 1021.

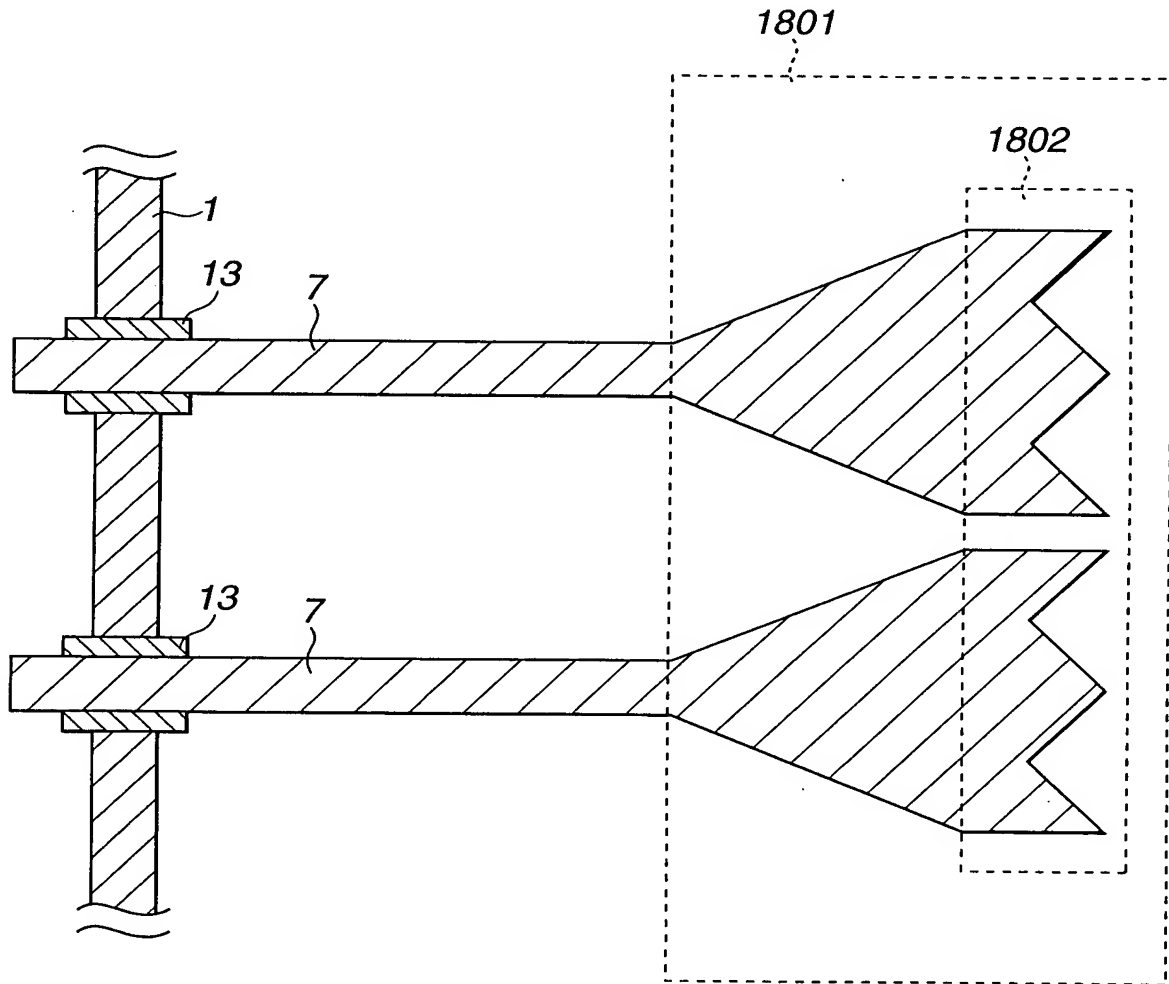


FIG.18